The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1.   (Original)   An authentication time-variant code which is readable ~~can be read out~~ by a machine, said authentication time-variant code comprising: ~~being one-dimensional and two-dimensional code,~~

a code pattern containing predetermined information to be read by said machine,

said code pattern having a shape, a position, a tone, and a brightness,

said code pattern being one dimensional or two dimensional,

said code pattern having dots forming a honey comb shape,

~~wherein~~ said shape, position, tone, brightness, ~~of code pattern~~ or combination thereof varying on the basis of ~~the shape, position, tone, brightness of the code pattern vary according to~~ time ~~and wherein a predetermined information is contained in code pattern variation~~.

2.   (Original)   The authentication time-variant code of claim 1, wherein a limited numbers of static patterns vary randomly.

3.   (Original)   The authentication time-variant code of claim 1, wherein static patterns vary with order as time goes.

4. (Currently Amended) The authentication time-variant code of claim 1,

<u>wherein</u>

<u>said authentication time-variant code uses</u> ~~using~~ change of time-variation timing when

static patterns vary.

5 – 17. (Canceled).